



1731  
2  
September 09, 2003

Mr. Bridget B. Gray  
Office of Patent Publication  
Publishing Division Commissioner for Patents  
P.O. Box 1450, Alexandria, Virginia 22313-1460  
Ph.: 703-305-8404

*SUBJECT: Application Number 09/685,204 filing date 10/10/00. Examiner J. Hoffman, art unit 1731, Paper No 19. NOTICE REGARDING DRAWINGS and NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW dated 8-28-03.*

Dear Mr. B.B. Gray -

Enclosed better quality Figures 1 through 5 for Patent Application: 09/685,204 "MULTIFUNCTIONAL APPARATUS TO MANUFACTURE MINERAL / BASALT FIBERS". All corrections are made in accordance your NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW items.

Please note that all versions of apparatus presented on Figures 1, 2, 3, 5 are designed to melt mineral rock material and to manufacture mineral/basalt fibers. For this reason the members of apparatus with the same functionality (which are presented on different Figures) have one number. For example the furnace chamber ( usually shown from the top of furnace) for all versions of apparatus has number - 1. The malting chamber (or retort) of apparatus shown on Figures 1, 2, 3, 5 have number - 2. One number for furnace (or melting chamber etc.) across of all figures simplifies the reading of drawings presented on Figures 1, 2, 3, 5.

The mineral/basalt rock inlet (which supplies the grind rock material into the melting chamber) shown on Figures 1, 2, 3, 5 has one number - 13. The multi-zone slopped valleys relating to melting chamber on all Figures have number - 4. The same way one number (9) have all electric heating elements shown on Figures 1, 2, 3, 5.

One number is used on Figures 1, 2, 3, 5 if particular member of different versions of apparatus have the same characteristics and functionality. The sleeves on Figures 1, 2, 3 have number - 15. The barriers (to protect high-gravity components inlet into the bushing) located between furnace and sleeve have number 16 on Figures 1, 2, 3. The same for other members of apparatus. The members having the same (and single) functionality on different versions of apparatus ( Figures 1, 2, 3, 5 ) are marked by the same (single) number. Each member of Bushings shown on Figures 2, 3, 4, 5 having particular (single) functionality keeps one number. For example the upper chamber of busing (shown on Figures 2, 3, 4) -everywhere has number - 25.

It might some my misunderstanding relating your NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW items.

I'll appreciate if you let me know what exactly I misunderstood or made something wrong. Please send your notices by address: 2302 Jonquil Rd. Madison WI - 53711, or contact at (608) 442-8415.

Thank you for your assistance.

Vladimir Brik - author of invention.

Vlad. Brik

09/09/2003